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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 27th June 1964

CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2 dated 4th April 1964 :—

In page 133, column 1, under the heading "Applications Accepted"—

Against No. 84617—

for "Halcon International, Inc., formerly known as Scientific Design Company, Inc. Chemical process. Accepted on 20th March 1964."

read "Halcon International, Inc., formerly known as Scientific Design Company, Inc. Process and apparatus for effecting the polymerization of ethylene to normally solid polyethylene. Accepted on 20th March 1964."

(2)

In the Gazette of India, Part III, Section 2 dated 6th June 1964.

In page 234, Column 1, under the heading "Registration of Designs"—

Against Class 1 Nos. 120176 and 120177—

delete No. "120177"

Against Class 1, Nos. 120178 and 120179—

delete No. "120179"

insert the following entry before "Class 3. No. 120233" :—

Class 3. No. 120177. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Commutators", November 13, 1963.

and

Class 3. No. 120179. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Rotors", November 13, 1963.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

6th June 1964

94113. United States Pipe and Foundry Company. Improvements in or relating to separation resistant pipe joint.

94114. General Kinetics Incorporated. Latent heat distillation and condensation systems.

94115. Union Carbide Corporation. Bag making machine.

94116. B. G. Harmon. Scale free flame heating of steel.

94117. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of ketones.

94118. Charbonnages De France. An improved mining pick.

94119. Toms River Chemical Corporation. Dyeing of polyester fibers.

94120. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Olefinic copolymers and process for their preparation.

94121. Gay Freres S. A. Check pattern chain. [Addition to No. 82354].

94122. J. R. Geigy A. G. Process for the production of new substituted malonic acid monohydrazides.

94123. Allied Chemical Corporation. Improvements relating to polyethers suitable for use in the production of polyurethane foams.

94124. H. Ender. Improvements in stair nosing.

94125. Denco AG. Control mechanism for looms

94126. The English Electric Company Limited. Improvements in or relating to hydraulic turbines, pumps and reversible pump turbines. (11th June 1963).

94127. Imperial Chemical Industries Limited. Improvements in and relating to the production of hollow articles from organic thermoplastic materials. (10th June 1963).

94128. Smith Kline & French Laboratories Limited. Anti-depressant compounds and process for preparing the same.

94129. Imperial Chemical Industries (India) Private Limited. Improvements in or relating to treatment of fabrics.

94130. N. Palaniandy. Duterium hot-plate cum pressure cooker.

94131. N. Palaniandy. Duterium cooking range.

94132. Shri Ram Institute for Industrial Research, Delhi. A process for retarding the degradation of cellulose in the acid treatment of textiles. [Addition to No. 52344].

94133. Shri Ram Institute for Industrial Research, Delhi. A process relating to the chemical modification of cellulosic materials.

9th June 1964

94134. Svenska Aktiebolaget Bromsregulator. Improvements in vehicle brake systems. (13th July 1963).

94135. Shell Internationale Research Maatschappij N. V. Process for the regeneration of a sulphur dioxide acceptor consisting substantially or entirely of carbon.
94136. Dunlop Rubber Company Limited. Improvements in disc brakes. (19th June 1963).
94137. G. E. Lane. Front and loader automatic implement attachment apparatus.
94138. The Adamson-Alliance Company Limited. Improvements in or relating to manipulators. (19th June 1963).
94139. Utility Appliances Corporation. A bag for radio transistor.
94140. Kleinfewers G.m.b.H. Calender for satining coated paper webs.
94141. Kleinfewers G.m.b.H. Web-tensioning device for relief calenders or like machines.
94142. Kleinfewers G.m.b.H. Calender support.
94143. Kleinfewers G.m.b.H. Safety device for web-winding mechanisms, especially paper-winding mechanisms.
94144. Kleinfewers G.m.b.H. Hydraulic pressure system for a calender, especially for a satining calender.
94145. Kleinfewers G.m.b.H. Support spindle for calenders of great overall height, especially for satining calenders.
94146. Kleinfewers G.m.b.H. Continuous bleaching process.
94147. Kleinfewers G.m.b.H. Wet wringer for textile materials in ball or warp rope form or in wide web form.
94148. Kleinfewers G.m.b.H. Bleaching system comprising preparation and recovery of fluid.
94149. Kleinfewers G.m.b.H. Washing process for ball or warp rope material or for wide or stretched fabric or material by the continuous method.
94150. Kleinfewers G.m.b.H. Washing machine for textiles in a wide web.
94151. Kleinfewers G.m.b.H. Impregnation system for wide-web textile material.
94152. Kleinfewers G.m.b.H. Device for the traversal in hermetic manner by optional materials, being textiles in particular, in wide web form or in ball or warp rope form.
94153. Kleinfewers G.m.b.H. Roller-type printing machine, in particular for textile materials.
94154. Kleinfewers G.m.b.H. Driving device for calenders.
94155. Kleinfewers G.m.b.H. Hydraulic installation for calenders.
94156. Kleinfewers G.m.b.H. Printing machine.
94157. Kleinfewers G.m.b.H. Process for the manufacture of resilient rollers for calenders or the like.
94158. Kleinfewers G.m.b.H. Temperature regulation process.
94159. Kleinfewers G.m.b.H. Calender gearing.
94160. Kleinfewers G.m.b.H. Drawing calendar for plastics.
94161. Kleinfewers G.m.b.H. Calender for drawing plastics.
94162. Kleinfewers G.m.b.H. Hydraulic or steam heating for calender rolls.
94163. Kleinfewers G.m.b.H. Apparatus for producing corrugated plastic plates.
94164. Kleinfewers G.m.b.H. Process and apparatus for producing foils from synthetic thermoplastic materials.
94165. Kleinfewers G.m.b.H. Wide-angle nozzle for screw extruders.
94166. AB Tetra. A process for extrusion coating of plastic film on a running carrier web.
94167. Merck & Co., Inc. Steroid compounds and processes.
94168. The International Nickel Company (Mond.) Limited. Improvements in and relating to the coating of steels. (10th June 1963).
94169. Temescal Metallurgical Corporation. Centrifugal type vapor source.
94170. The Upjohn Company. Composition and process.
94171. J. P. Mecho and E. G. Sicilia. Feed additives and compositions for non-ruminant animals and methods for the preparation thereof. (1st October 1963). [Addition to No. 84310].
94172. Draftex Limited. Improvements in channel section window guides. (17th April 1964).
94173. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Fungicidal compositions.
94174. American Cyanamid Company. Poultry feed compositions.
94175. Ethicon, Inc. Sterile surgical package.
94176. Sudbury Laboratory of India. Water feeder plant for water to act as carrier of chemicals to prevent rust, corrosion and scale.
94177. The Atlas Cycle Industries Ltd., and J. D. Kapur. Improvement in the mechanism of existing type of rickshaw brakes.
94178. S. Gamat and B. Paniker. Improvements in or relating to centrifugal separators and clarifiers.
94179. A. R. R. Krishnamurthy. A universal opener for pilfer-proof bottle caps.

10th June 1964

94180. R. H. Abplanalp. Valves for facilitating the charging of aerosol dispensers with propellant.
94181. Socony Mobil Oil Company, Inc. Lubricating oil compositions.
94182. Farbwerke Hoechst Aktiengesellschaft, vormals Meister Lucius & Bruning. Process for the preparation of peptides.
94183. Skelleftea Gummifabriks AB. Improvements in a wear element.
94184. Torrance and Sons, Limited. Improvements in or relating to mixing, dispersing and/or dissolving apparatus. (12th June 1963).
94185. Nikex Nehezpari Kulkereskedelmi Vallalat. Crusher or breaker.
94186. Egyesult Izzolampa es Villamosagi Reszvenytarsasag. Process for polishing the surface of metal bodies, especially tungsten bodies, having oxides of acid character, in a chemical way.
94187. Sandoz Ltd. Improvements in or relating to organic compounds. [Addition to No. 84637].
94188. B. Baetz. Improvements relating to ore extraction. (11th June 1963).
94189. Pilkington Brothers Limited. Improvements in or relating to methods of and apparatus for toughening sheets of glass. (11th June 1963).
94190. Pilkington Brothers Limited. Improvements in or relating to methods of and apparatus for toughening sheets of glass. (12th February 1964).
94191. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to apparatus for evacuating gas-discharge tubes or the like and introducing accurately controlled quantities.
94192. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to optical masers. [Divisional date 14th January 1963].
94193. L. N. Sunthal. Diesel engine.
94194. N. V. Parangape. Air circulating fans.
94195. J. R. Geigy A. G. Process for the dyeing of polymeric and copolymeric acrylonitrile fibres.
94196. J. R. Geigy A. G. Process for the dyeing of polymeric and copolymeric acrylonitrile fibres.
94197. J. R. Geigy A. G. Process to attain dyeings on polymeric or copolymeric acrylonitrile fibres.

94198. The Goodyear Tire & Rubber Company. Improvements in synthesis of olefins.
94199. The Goodyear Tire & Rubber Company. Improvements in airplane tire.
94200. The English Electric Company Limited. Improvements in or relating to piston and cylinder assemblies. (14th June 1963).
94201. The English Electric Company Limited. Electrical circuit arrangement. (19th June 1963).
94202. Rohm & Haas Company. Preparation of lactams. [Divisional date 19th December 1962].
94203. Imperial Chemical Industries Limited. Vinyl chloride copolymers. (18th June 1963).
94204. Houilleres Du Bassin Du Nord & Du Pas-De-Calais, Commissariat A L'Energie Atomique, Compagnie De Construction Mecanique, Procèdes Sulzer, and L'Air Liquide, Societe pour l'Etude et l'Exploitation des Procèdes Georges Claude. Improved tray for gas-liquid contact columns.

11th June 1964

94205. Acrow (Engineers) Limited. Improvements in and relating to valves. (12th June 1963).
94206. Ledoga S. p. A. Preparation of water soluble transparent films from dextrin and polyvinyl alcohol.
94207. Ciba Limited. Process for the manufacture of ethers.
94208. Ciba Limited. Manufacture of bcg-vaccines.
94209. Behringwerke Aktiengesellschaft. Process for the manufacture of a vaccine against foot-and-mouth disease.
94210. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to apparatus comprising a conveyer and means for feeding articles to and discharging them from the said conveyer.
94211. G. E. Lane and Weather-Seal, Inc. Improved automatically engageable power take-off coupling.
94212. Indian Oxygen Limited. Air separation process. (18th July 1963).
94213. Aktiebolaget Bofors. Method and device in a radar system on a ship for correcting bearing errors caused by the lurching movements of the ship.
94214. Sperry Rand Corporation. Pure fluid computer.
94215. Sperry Rand Corporation. Magnetic recording scheme.

12th June 1964

94216. Council of Scientific and Industrial Research. Hydrazine derivatives of pharmacological interest.
94217. Mitsubishi Shipbuilding & Engineering Company, Limited. Spinning machine utilizing centrifugal force and flow of air. (18th June 1963).
94218. Unilever Limited. Polishing agent.
94219. Molins Machine Company Limited. Improvements in or relating to cut-off devices. (1st July 1963).
94220. Boots Pure Drug Company Limited. Antifungal compositions.
94221. W. H. W. Schuller. Sliver spooler.
94222. AB Tetra. A method of treating a cut edge and its adjacent portion in a porous sheet material.
94223. Ciba Limited. Preparation for the care of the skin.
94224. Ciba Limited. Manufacture of N, N'-disubstituted diamines.
94225. Ciba Limited. Manufacture of unsaturated bridged compounds.
94226. Algemene Kunstzijde Unie N. V. A method for winding a yarn package, a downtwister for carrying out said method and a yarn package obtained by said method, and a fixation device to be placed on the bobbin.

94227. American Syanamid Company. Medicated poultry composition.
94228. Johns-Manville Corporation. Methods and apparatus for curing asbestos-cement products.
94229. Ministerul Industriei Petrolului si Chimiei. Method and means for automatically controlled discharge and metering of liquids from oil and gas separators.
94230. Aluminium Laboratories Limited. Improvements in continuous casting of metals. (12th June 1963).
94231. Rohm & Haas Company. Polymeric compositions for use in coating.
94232. Rohm & Haas Company. Polymer dispersions.
94233. Le Materiel Electrique S. W. Improvements in or relating to a monoblock electric converter.
94234. Sealed Power Corporation. Improvements in and relating to piston rings.

Alteration of date

85003. Post-dated to 9th January 1963 under Section 5 of the Act.
86403. The claim to priority date 30th March 1962 has been disallowed and the application dated as of 7th February 1963, the date of filing in India.
86735. Ante-dated to 6th September 1962 under Section 5 of the Act.
93281. Ante-dated to 6th September 1962 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawing, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

84012. The Indian Iron & Steel Company Limited. Improvements in or relating to the treatment of haematite iron ore for use in the production of iron. (5th September 1961). Accepted on 5th June 1964.

By forming an agglomerate of dry haematite ore fines and cement consisting of hydrated and foamed blast furnace slag and moulding it into briquettes.

84023. Karma (New Malden) Limited. Control means for valves. (7th September 1961). Accepted on 6th June 1964.

Comprises enclosed spaced provided around the conduit with pressure different than ambient pressure communicating with fluid pressure means operating the valve.

84056. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Process for production of organic dibasic acid anhydrides by catalytic oxidation and catalysts for use in such a process. (15th February 1962). Accepted on 10th June 1964.

Making catalyst by adding aq. H_3PO_4 to powdered V_2O_5 and Li_3PO_4 and drying set paste formed at 120-150°C.

84061. (Mrs.) Beryl Alice Enid DePenning. Fused porcelain-to-metal teeth. Accepted on 10th June 1964.

- A dental construction comprises a metal base possessing a coefficient of expansion $80-170 \times 10^{-7}/^{\circ}\text{C}$ and a porcelain covering having the shape of a tooth and attached to the metal base, the porcelain having a coefficient of expansion $<$ that of the metal base to free the porcelain covering of tension.*
84118. Farbenfabriken Bayer Aktiengesellschaft. Stable aqueous emulsions of copolymers and cross-linked polymers produced therefrom. (18th July 1962). Accepted on 6th June 1964.
- Comprising copolymer of olefinically unsaturated monomer copolymerisable with 0.5 to 50% of acrylic acid amide derivatives $\text{CH}_2=\text{CR}_1-\text{CO}-\text{NH}-\text{CH}_2-\text{O}-\text{Z}$, R_1 being hydrogen or methyl and Z is saturated aliphatic hydrocarbon radical containing hydrophilic group i.e. halogen or $-\text{COOH}$.*
84173. L. S. Davar. Synthetic moisturizing composition and a process therefor. Accepted on 10th June 1964.
- Containing from 0.5% to 95% by weight of the Amadori type condensation product of an amino acid with a reducing sugar, said product being characterised by the ability to absorb and retain moisture when applied and a cosmetic carrier.*
84445. Allmanna Svenska Elektriska Aktiebolaget. System feeding compressed air to one or more air blast circuit breakers. Accepted on 6th June 1964.
- Characterized in that a pressure regulating means is arranged to determine a first pressure range of the air in tank.*
84529. Ciba Limited. Process for the manufacture of colored shaped materials, such as films, foils and fibers, from acrylonitrile polymers. Accepted on 6th June 1964.
- Wherein a solution of the polymer additionally containing a pigment dispersion in polyvinyl acetate is shaped then solvent removed.*
84726. Cardwell Westinghouse Company. Improvements in or relating to draft gears. Accepted on 6th June 1964.
- Means for transmitting force from one follower to the other and comprising a spring cushioning element and a hydraulic cushioning element extending in lengthwise parallel collateral relation and disposed in the gear housing.*
84823. G. S. Nevatia and H. P. Nevatia. Process for production of sintered permanent magnets. Accepted on 11th June 1964.
- A fragment of monocrystal is inserted into the body and is pressed into the body in such a way that a crystal axis identical with the magnetic preference direction lies in direction of the desired future magnetization.*
85003. S. R. Agrawal. Improvements in or relating to instrument for measuring velocities of liquid and device therefor. Accepted on 10th June 1964.
- Consisting of a disc or the like body fitted to one end of a rod, the rod is fitted at its other end either to a piston or a washer or a plunger housed in a cylinder.*
85007. Indian Telephone Industries Limited. All relay type way station selective calling equipment. Accepted on 10th June 1964.
- Comprises a static switching element consisting of a transistor arranged in common emitter configuration.*
85176. J. R. Geigy A.-G. Improvements in and relating to the manufacture of herbicidal 2-methylthio-4, 6-bis-amino-s-triazine derivatives. Accepted on 18th May 1964.
- Reacting 2-halogeno-4, 6-bis-amino-s-triazine substituted in at least one NH_2 group by at least one organic radical, with methyl mercaptan in a secondary alcohol as the solvent.*
85299. Arthur D. Little, Inc. Explosive compositions and process for making the same. Accepted on 6th June 1964.
- Intimate mixture of ammonium nitrate and fuel therefor, portion of ammonium nitrate being dispersed as crystals in crystalline matrix of fuel.*
85414. Petrocarbon Developments Limited. Improvements in methods of cooling gases down to very low temperatures, for example for the liquefaction of the gases and apparatus for carrying out the same. Accepted on 11th June 1964.
- Comprises passing the gas at an elevated pressure and at a temperature of the order of 65 to 70°K through a plurality of cooling zones in series and cooling the gas in each zone by indirect heat exchange with a stream of coolant gas which has a boiling point not higher than that of the gas being cooled.*
85471. The Electric Storage Battery Company. Improvements in or relating to electric batteries. Accepted on 10th June 1964.
- A frangible seal substantially covers at least one of the terminals and is anchored at its edges between contiguous parts of the structure of the cell itself.*
85500. Dr. Beck & Co. G.M.B.H. A method of producing non-flammable hardenable synthetic resins for electrotechnical uses. Accepted on 6th June 1964.
- By dissolving a unsaturated non-linear condensation products in unsaturated monomer and then hardening after adding resinous aromatic, halogen-substituted hydrocarbons having a softening point above 50°C .*
85525. Automatic Telephone & Electric Company Limited. Improvements in or relating to private automatic branch exchange. (23rd December 1961). Accepted on 10th June 1964.
- Wherein pairs of inlets are each connected over first and second paths to a respective one of a plurality of devices, a second group of outlets giving access over third paths to devices.*
85540. The Electric Storage Battery Company. Improvements in or relating to electric batteries. Accepted on 10th June 1964.
- Method of forming a protective seal comprises positioning the end of a web of a seal material above a battery, transversely severing an individual seal from the web and placing the seal on top of the battery in a position to cover at least one terminal.*
85541. The British Petroleum Company Limited. Pigmentable binder suitable for use in road surfacing. Accepted on 10th June 1964.
- Consists essentially of an oil which is a petroleum or coal tar distillate or distillation residue and a resin compatible with the oil.*
85542. The British Petroleum Company Limited. Bituminous composition. Accepted on 10th June 1964.
- Consists essentially of a blend of an oxidised bitumen and of a petroleum oil.*
85562. Walzwerk Neviges, Willy H. Schlieker & Co. A method and apparatus for producing an electrically insulating coating on electric metal sheets. Accepted on 6th June 1964.
- Characterized in that the application of the electrically insulating coating is carried out during the cooling process.*
85582. K. Hildebrand. Improvements in or relating to a downdraft furnace. (18th December 1961). Accepted on 11th June 1964.
- Container positioned within the combustion chamber, means for directing the combustion products from a burner, and means for drawing combustion products from said chamber.*
85589. Koppers Company, Inc. Improvements in or relating to isothiuronium salts of 2-haloethyl

- sulfide dyestuffs. Accepted on 10th June 1964.
Reacting a water-insoluble colorant containing 2-haloethyl sulphide with a thiourea.
85590. Murata Kikai Kabushiki Kaisha. Automatic winder. Accepted on 12th June 1964.
Winding units moving around a circulating track and being supplied with new cops, a counter friction tyre provided in a controllably engageable and disengageable manner relative to and between a drum and a drive shaft.
85593. Eastman Kodak Company. Ionones concentrates thereof and process for making same. Accepted on 12th June 1964.
Halogenating α -ionone in 4-position, and treating 4-halide- α -ionone formed with carboxylic acid salt, primary alcohol or phenol.
85615. Aluminium Laboratories Limited. Improvements in or relating to sub-halide distillation process for aluminium. Accepted on 10th June 1964.
A process for recovery of aluminium from aluminium containing metal by the sub-halide distillation process in which a downwardly moving columnar mass of granular aluminium-containing metal is contacted with an upwardly flowing stream of gaseous aluminium trihalide.
85642. Hugo Stinnes Personlich GmbH. Winding roll. Accepted on 11th June 1964.
Comprises a shaft with a threaded collar and a nut pressing against an axially movable flange, star-like grooved member, a sleeve accommodating gripping bars, gripping rings and a spring.
85701. Asahi Kasei Kogyo Kabushiki Kaisha. Process for dyeing polyolefin articles such as fiber, filament, yarn, ribbon, film and tube. Accepted on 9th June 1964.
Comprises enhancing the dyeability of the polyolefine by the use of a naphthalene compound having a naphthalene nucleus with a pair of hydroxyl and carboxyl groups adjacent to each other.
85785. The Dow Chemical Company. New catalyst composition, method of preparing same, process for polymerizing α -olefins using said catalyst composition and polymers obtained therefrom. Accepted on 10th June 1964.
Wherein the organometallic compound contains in addition to the non-transition metal atleast one transition metal linked therewith such that it retains its valence state under the polymerization conditions.
85786. The Dow Chemical Company. Organometal compounds and process for their production. Accepted on 10th June 1964.
Comprises the reaction of a bis(cyclopentadienyl) titanium compound and at least one methyl aluminium compound.
85864. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Process for the oxidation of C_4 to C_8 saturated hydrocarbons. (24th January 1962). Accepted on 12th June 1964.
Contacting oxygen with a mixture of the hydrocarbon in the liquid phase with metaboric acid or the lower hydrates or boric acid at 140-180°C and maintaining the partial pressure of H_2O according to the equation $\log 10 P = -1.85 + 0.0175(T)$ where T is the reaction temperature.
85865. The Chloride Electrical Storage Company Limited. Improvements relating to the means for measurement and control of the temperature of lead oxide mills. (5th January 1962). Accepted on 10th June 1964.
Electrical temperature responsive means mounted on rotary drum and means responsive thereto for supplying controlled amount of cooling fluid therein.
85866. The Chloride Electrical Storage Company Limited. Improvements relating to the feed means of lead to lead oxide mills. (5th January 1962). Accepted on 10th June 1964.
Means responsive to magnitude of current taken by electric motor to control feed means for fresh charge.
85871. Toyo Koatsu Industries, Incorporated and Toyo Gas Chemical Industry, Ltd. Synthesis of urea. Accepted on 12th June 1964.
By contacting a compressed gas containing hydrogen, nitrogen and carbondioxide with a mixture of liquid ammonia and a medium to dissolve ammonium carbamate and the absorbate obtained is maintained at urea synthesizing temperature.
85877. The Dow Chemical Company. Polymer compositions. Accepted on 11th June 1964.
Dispersing elastomeric 1, 4-polybutadiene rubber in a vinyl aromatic monomer and subjecting the dispersion to polymerization conditions.
85887. Didier-Werke A. G. Refractory, preferably basic brick for industrial furnaces. Accepted on 6th June 1964.
Metal plate serving as suspension element and resting on the top surface of the brick and enclosing the brick on two opposite side surfaces with its ends and a recess being provided below this plate.
85917. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Improvements in or relating to an oxidation process. [Addition to No. 85864]. Accepted on 12th June 1964.
Molecular oxygen containing gas is contacted with a mixture of liquid hydrocarbon and a compound selected from the group of boric acid and lower hydrates of boric acid at 140-180°C.
85978. Sherritt Gordon Mines Limited. Process for the recovery of zinc from zinc plant residues. (11th January 1962). Accepted on 12th June 1964.
A multistage process for leaching the residues containing zinc ferrite with aqueous sulphuric acid, is characterised in that in the first stage sufficient reducing agent is used to reduce part of iron to the divalent stage.
86081. K. Fischer. Electric hot plate. Accepted on 11th June 1964.
Outer limiting wall of the annular groove points outwardly and therein other limiting walls of the said annular groove form part of the sheet metal stamping and together with the outer limiting wall form an integral component.
86083. International Business Machines Corporation. Improved mechanical counter. Accepted on 12th June 1964.
Digit wheels having formations on the peripheral surface corresponding to the individual digits and a scanning bail extending across all the digit wheel positions, each digit wheel position carrying a set of connected contact blades.
86130. Stamicarbon N. V. Phenol from benzoic acid. Accepted on 10th June 1964.
Contacting benzoic acid vapour, a gas containing molecular oxygen and water vapour with metallic copper at 200-400°C.
86297. Kent & Wells Limited. Improvements relating to thermostats. Accepted on 11th June 1964.
Including pin contacts for inserting in a socket outlet and socket contacts constituting a socket outlet, the thermostat being connected between corresponding pin and socket connectors.
86302. Sealed Power Corporation. Improvements in piston rings. Accepted on 12th June 1964.
Comprising an annular, parted ring having top and bottom surfaces and inner and outer circumferential surfaces.

86337. Union Carbide Corporation. Method and apparatus for radially sealing a cylindrical galvanic cell. Accepted on 6th June 1964.

Exerting axial uniform pressure on the gasket and cover while applying a radial pressure to the container to reduce the diameter thereof and thereby radially compress the gasket between the cover and container.

86375. Sperry Rand Corporation. Position sensing device. Accepted on 11th June 1964.

Includes a support adapted to support and guide record while travelling thereon, the support having fluid communication means and a control device which is responsive to the position of the record.

86403. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Pentadiene polymers and process for preparing them. Accepted on 10th June 1964.

Wherein 1, 3-pentadiene is polymerised in the presence of a catalyst obtained from a soluble titanium compound and from an organic aluminium compound.

86406. United Kingdom Atomic Energy Authority. Improvements in or relating to heat exchangers. (13th March 1962). Accepted on 6th June 1964.

Comprising a cluster of spaced parallel tubes end supported by the plates characterised in that the tubes are secured to non-flanged ends of flanged ferrules.

86490. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to dry shaving apparatus. Accepted on 11th June 1964.

Characterized in that an eccentric arranged on a rotating driving shaft for a shaving cutter co-operates with a fork, which grips at one end by its prongs around the eccentric and is provided at the other end with a driving pin extending transversely to the shear plate of the hair clippers and in that an intermediate connecting piece, forming the rotary shaft of the form, is journaled in part of apparatus.

86532. Hardman & Holden Limited. Improvements relating to metal-organic compounds. (23rd February 1962). Accepted on 10th June 1964.

Condensing alkoxides or aryloxides of trivalent elements with acyloxides of divalent metals or radicals.

86592. Dunlop Rubber Company Limited. Method for the preparation of a polymerization catalyst component. (2nd March 1962). Accepted on 12th June 1964.

Comprises reacting under anhydrous conditions a higher halide of a metal of the 'A' sub groups of Groups IV to VII or Group VIII of the periodic table with a reducing agent.

86626. Imperial Chemical Industries Limited. Spinning of polypropylene. (27th February 1962). Accepted on 12th June 1964.

The filaments of isotactic polypropylene are spun at such a temperature and at such a throughput from polymer of intrinsic viscosity such that the intrinsic viscosity of spun yarn is in the range of 1.0 to 3.0 and the birefringence is between $10V \cdot 10^{-3}$ and 25×10^{-3} and then drawing the spun yarn which is then allowed to relax.

86631. The Distillers Company Limited. Production of alkanols. (15th March 1962). Accepted on 12th June 1964.

Reacting with hydrogen aliphatic aldehydes vapours, formed by reacting with hydrogen on supported copper catalyst, in presence of supported palladium catalyst.

86697. Aluminium Laboratories Limited. Improvements in or relating to sub-halide distillation process for the recovery of aluminium. Accepted on 12th June 1964.

Contacting aluminium trihalide with the aluminium containing metal at an elevated temperature and decomposing the resultant aluminium monohalide.

86703. P. C. L. Mistry. Improvements in or relating to frame of folding cot. Accepted on 11th June 1964.

Horizontal and vertical stripes being made of slidable tubular bodies, the tube of each of the said horizontal stripes being first folded from both ends upto the central joint and then the said vertical stripes being stretched horizontal to align with the previously folded horizontal stripes and the latter being pushed inside it upto the said central joint.

86708. Toyo Koatsu Industries, Incorporated. An improvement in urea synthesizing process. Accepted on 11th June 1964.

Introducing effluent from synthesis zone into top of high pressure rectifying column, introducing effluent from (a) into low pressure rectifying column, subjecting aqueous urea solution from (b) concentration and then to crystallization and separating resulting crystalline urea from mother liquor (d) absorbing gaseous mixture from low pressure rectification in said mother liquor (e) absorbing gaseous mixture from (a) in absorbate resulting from (d) and (f) recycling the absorbate resulting from (e) to urea synthesis zone.

86735. May & Baker Limited. Improvements in or relating to herbicidal compositions. [Addition to No. 84028]. [Divisional date 6th September 1962]. Accepted on 6th June 1964.

Comprising atleast one alkali metal, alkaline earth metal, ammonium or amine salt of a sulphonyl carbamic ester in association with diluent suitable for use in herbicidal composition.

86758. National Castings Company. Cargo container. Accepted on 12th June 1964.

A rigid tubular wall of continuous integral cross-section, a pair of rigid end frames, a floor bridging the bowed inner surface and rigid tie means securing the floor to the sub-floor.

86867. Hitachi Ltd. Protective relays for transformers. Accepted on 6th June 1964.

Comprising an oil casing having a static pressure chamber therein, a bellows in the latter, a switch-operating rod actuatable by the bellows and a pilot tube for directing oil torrent through it into the bellows in the event of heavy failure in the main oil tank of the transformer.

86871. Hitachi Ltd. Operating mechanism for cam type switching unit. Accepted on 11th June 1964.

Comprising a control shaft, adapted to be driven from an external source of power, a circular closing control cam mounted fast on control shaft and notched to form gentle slopes, a circular opening control cam mounted loosely on control shaft in radially offset relation to closing control cam and notched to form steep slopes each extending substantially in a plane including the axis of opening control cam.

86872. Hitachi Ltd. Transformers with a tap changer. Accepted on 11th June 1964.

Comprising a main oil tank accommodating the transformer proper, an auxiliary oil tank accommodating the tap changer and arranged side by side relative to the main oil tank, tubular connections extending from the respective oil tanks and abutting against each other to interconnect the oil tanks and means in the tubular space for interconnecting the leads from the transformers proper and those entering the tap changer.

86962. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble monoazo-dyestuffs and process for their manufacture. Accepted on 10th June 1964.
Wherein 1-aminobenzene-4- β -hydroxyethyl sulphone is (a) diazotized and coupled with 1-hydroxynaphthalene-polysulphonic acid or (b) diazotized in the form of sulphuric acid esters and coupled with 1-hydroxy naphthalene-polysulphonic acid.
87020. American Brake Shoe Company. Method of melting steel. Accepted on 12th June 1964.
Comprising the steps of melting an alloy comprising from about 0.95% to 1.20% by weight carbon, tapping the melted alloy into a pouring ladle and adding thereto about 3.4 to 3.75 pounds of silicon per 1000 lbs of alloy and about 0.70 to 0.85 pounds of aluminium per 1000 lbs of alloy, pouring the alloy into moulds when it has reached 2840° to 2775°F.
87025. The Babcock & Wilcox Company. Method of and apparatus for correcting tube eccentricity. Accepted on 6th June 1964.
Drawing a tube through an annular die to reduce the exterior diameter and mechanically subjecting the interior of the tube portion to a radially outward working force by a mandrel.
87043. English Steel Corporation Limited. Improvements in or relating to automatic couplers for rail vehicles. (31st March 1962). Accepted on 6th June 1964.
Provided with a spring for assisting in initiating movement of the locking member from release position to locking position.
87091. Imperial Chemical Industries Limited. Crimped staple fibres. Accepted on 12th June 1964.
Comprises compressing a bale of substantially randomly arranged fibres to a density which is at least 50% of the density of single fibre, maintaining this pressure till sufficiently enough time for deformation both in their longitudinal direction and of their cross section and then releasing the pressure to get crimped fibre.
87138. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electroluminescent elements. Accepted on 12th June 1964.
Characterised in that the enamel of the coating layer contains boric acid and at least two of the oxides of the elements of the group barium, calcium, strontium, magnesium and zinc.
87165. Pittsburgh Plate Glass Company. Methods for the oxychlorination of aliphatic hydrocarbons. Accepted on 12th June 1964.
The material being chlorinated is introduced into a fluidized bed of oxychlorination catalyst particles with a chlorinating agent.
87224. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to light sources employing a gas discharge tube. Accepted on 11th June 1964.
Characterized in that (a) the quantity of thallium is from 1.75 to 6.0% by weight of the quantity of mercury; (b) the quantity of indium is from 0.10 to 2.50% by weight of the quantity of mercury; (c) the quantity of sodium is larger than the quantity evaporating during the operation of the light source; (d) the quantity of iodine is at least equivalent to the sum of the elements thallium, indium and sodium; (e) the quantity of iodine is smaller than the equivalent of the sum of the elements mercury, thallium, indium and sodium; (f) the temperature of the discharge vessel during operation is higher than 600°C.
87342. Shell Internationale Research Maatschappij N. V. Process for the preparation of hydrocarbon oils that are free or substantially free from mercaptans. Accepted on 12th June 1964.
By contacting a light hydrocarbon oil having a final boiling point of 350°C with an aqueous alkali metal hydroxide solution which contains triethylene glycol and more than 20% free alkali metal hydroxide.
87349. Hunter Engineering Co. Method and apparatus for continuous metal casting. Accepted on 10th June 1964.
Metal being cast in a continuously moving mold chamber formed of top and bottom bands and closed by side bands.
87461. Gresham & Craven Limited. Railway vacuum-brake cylinders. (17th May 1962). Accepted on 6th June 1964.
Wherein piston rod is slidable in a bearing located in the brake cylinder at the point where the rod passes through cylinder wall.
87493. J. G. Gajjar. Improvements in or relating to a device for making dough from flour or the like. Accepted on 12th June 1964.
Comprises a drum which carries pillars, eccentric blade and a rotatable shaft to which the said blade is fitted so that the blade can be rotated inside the said drum by rotating the said vertical shaft.
87503. Shell Internationale Research Maatschappij N. V. A rubbery composition comprising an elastomeric polymer of a conjugated diene. Accepted on 12th June 1964.
Comprising the polymer, an aromatic extending oil and 0.25 to 2.5 phr. of a polyethylene polyamine (Mol. wt. 200-500) or of aminoamides thereof with C₁₂-C₁₈ fatty acids, or of a mixture of the two.
87613. E. A. Nier and R. E. Nier. Signboard, more particular traffic sign. Accepted on 11th June 1964.
Characterised in that the reflex reflectors are arranged behind a transparent cover plate which is at least partly formed with a transparent pigment layer.
87622. Imperial Chemical Industries Limited. Polymerisation of ethylene. (2nd May 1962). Accepted on 12th June 1964.
Comprises contacting ethylene at a pressure above 450 atmospheres with a catalyst comprising the reaction product of aluminium trimethyl with titanium tetrachloride.
87659. Toyoda Automatic Loom Works, Limited. An apparatus for cutting sliver at the time of can changing operation. Accepted on 12th June 1964.
Comprises a presser lever, an oscillating long lever carrying a sliver nipper consisting of two pivoted arms, said long lever swinging means and said nipper closing means.
87781. Institut Francais Du Petrole. Des Carburants Et Lubrifiants. Connector for reinforced flexible tubes or conduits. Accepted on 12th June 1964.
Hollow insert comprising a tip having at one end an outer conical portion and at the other end means for joining the insert to the other end of a similar insert, a clamping sleeve having one part of constant inner diameter and the other part adapted to be connected to the insert and a locking sleeve.
87881. Rayonier Incorporated. Solubilizing hydroxyethyl-cellulose. Accepted on 10th June 1964.
Dissolving HEC containing 3.8-4.2% of substituted ethylene oxide in aq. NaOH, the solution being obtained by continuous mixing in a premixer, then in a high-shear dispersion stage, the composition being chilled short of freezing to solubilize, and then filtered and deaerated.
87979. J. Maher. Improvements relating to the cutting of jacquard cards. Accepted on 11th June 1964.
The loom card or an endless paper band are or is cut in successive passages through a repeater, the punches of which are each controllable selectively from any one or more of a plurality of Jacquard mechanism.

88211. Trutzschler & Co. Feeder for a carding machine. Accepted on 12th June 1964.

Comprising a shaft into which the fibre material for delivery to the carding machine is fed at the top and from which it is withdrawn at the bottom and means for raising the density of the fibre.

86731. Standard Telephones and Cables Limited. Jointing articles of plastics materials. (20th July 1962). Accepted on 12th June 1964.

Agitating the surfaces to be joined by means of a member interposed between them.

88827. T. E. Arnold. Electro-hydraulic processes and apparatus for initiating chemical and physical reactions. Accepted on 9th June 1964.

Carrying out a physical or chemical reaction on a material by immersing it in a non-compressible liquid medium and subjecting it to the action of a high-intensity spark discharge.

88982. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Vulcanizable compositions comprising an olefinic polymer or copolymer, a filler and an organic peroxide. Accepted on 11th June 1964.

Containing olefinic polymer, a reinforcing filler and a vulcanising agent, the tetra-peroxide, 2, 2, 5, 5-tetra (tertiary butyl-peroxy) hexane.

89514. The Gas Council. Improvements in or relating to the purification of hydrocarbon oils. (21st August 1962). Accepted on 11th June 1964.

Treating light distillate with hydrogenating gas in presence of hydrodesulphurisation catalyst comprising molybdenum supported on alumina with nickel as catalyst promoter.

93281. May & Baker Limited. Preparation of salts of substituted benzenesulphonyl carbamic esters and herbicidal compositions containing the salts so prepared. [Divisional date 6th September 1962]. Accepted on 6th June 1964.

By reacting a benzenesulphonyl carbamic ester with an alkali metal or alkaline earth metal or a salt forming derivative thereof or with ammonia or a salt forming amine.

Opposition Proceedings

The application for patent No. 72407 made by Council of Scientific & Industrial Research in respect of which an opposition was entered by Bombay Chemicals Private Ltd. as advertised in Part III, Section 2 of the Gazette of India, dated the 6th October 1962, has been treated as abandoned.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

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Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

47254 }
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Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent :—

No. 70058—*Baroness Ilyana Von Thyssen-Bornemisza.*

The patent ceased on the 15th December 1963 owing to non-payment of renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 2nd May 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 8th August 1964.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 70419—*The British Oxygen Company Limited.*

The patent ceased on the 5th February 1963, owing to non-payment of renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 9th May 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 8th August, 1964.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 71460—*The British Oxygen Company Limited.*

The patent ceased on the 14th April 1963, owing to non-payment of renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 9th May 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 8th August, 1964.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 120546. Pritam Singh and Pritpal Singh, Indian Nationals, Ludhiana (Punjab), "Free wheel opener", December 20, 1963.

Class 1. No. 120547. Pritam Singh and Pritpal Singh, Indian Nationals, Ludhiana (Punjab), "Paddle spanner", December 20, 1963.

Class 1. No. 120690. Janata Works Private Limited, an Indian concern duly formed under the Indian Company's Act, 1956, Tulsī Pipe Road,

(South), Lower Parel, Bombay-13, Maharashtra State, "Hot plates", January 6, 1964.

Class 1. No. 120894. Simco Industries, Inside Itwara, Near Matjid Kazi Sharif Husain, Bhopal State Madhya Pradesh, an Indian Partnership concern, "Air cooler", January 25, 1964.

Class 1. Nos. 120935 and 120936. Satya Prakash Thapar, Gobindgarh, Jullundur City, Punjab State, Indian by Nationality, "Hacksaw machines", January 28, 1964.

Class 1. No. 121136. Ramakrishnaiyer Srinivasan, Indian Union Republic Subject, 41-A, Madurai Road, Melapudur, Tiruchirapalli-1, Madras State, "Grinding apparatus", February 12, 1964.

Class 1. No. 121137. Ramakrishnaiyer Srinivasan, Indian Union Republic Subject, 41-A, Madurai Road, Melapudur, Tiruchirapalli-1, Madras State, "Fuel pressure tanks", February 12, 1964.

Class 1. No. 121138. Ramakrishnaiyer Srinivasan, Indian Union Republic Subject, 41-A, Madurai Road, Melapudur, Tiruchirapalli-1, Madras State, "Oil pressure burner", February 12, 1964.

Class 1. No. 121609. Jayna Industries, Mohalla Lakharan, Jagadhri (Punjab), Indian Partnership Firm, "Jug", March 16, 1964.

Class 1. No. 121733. Thakurlal Dayalal Vadgama, Bedeshwar Road, Jamnagar-1, Gujarat State, India, an Indian Citizen, "A body of a vertical internal combustion engine", March 26, 1964.

Class 3. No. 121072. Consolidated Plastic Industries, An Indian Partnership Firm, 235, Nishanpada Road, Bombay-9, Maharashtra, India, "Toy", February 10, 1964.

Class 4. No. 119926. I. M. H. Mechanical Works, 396, Kanda, Khar, Bombay 52 (Maharashtra), an Indian Partnership Firm, "The motor building spare parts, namely 'dove tail'", October 22, 1963.

Class 4. No. 120962. P. Narayan Brothers, Indian Firm, Shop No. 3, New Cutlery Market, Bombay-2, (Maharashtra), "Nail polish cum lip stick bottle", January 30, 1964.

Class 4. No. 121425. Banerjee Chakraborty & Co. Private Ltd., an Indian Private Limited Company incorporated at Calcutta, 135 Canning Street, Calcutta-1, West Bengal, India, "A street light pole box", March 5, 1964.

Class 5. No. 120284. Nousani Chemicals, 66/270 Kachiana, Kanpur (U.P.) India, Indian Partnership concern, "The carton", November 26, 1963.

Class 5. No. 120340. Automotive Finishes (India) (An Indian Partnership concern), 3269, Mori Gate, Delhi-6, "Carton", December 2, 1963.

Class 5. No. 120432. Gangaram Jannadas Achhapalya, Indian subject, East Cross 32, Asoka Road, Mysore, (Mysore State), India, "Carton", December 6, 1963.

Class 5. Nos. 121073 and 121074. Raja Toys Co., (An Indian Partnership concern), 33, Deputy Ganj, Sadar Bazar, Delhi, "Carton", February 10, 1964.

Class 5. Nos. 121316 to 121320. Dutta Agarbathi Co. 11, Tumul Barrack, Pandapara, P.O. & Dist. Jalpaiguri, West Bengal, Indian Co., "Carton", February 26, 1964.

Class 5. No. 121669. Ayodhia Nath (An Indian subject), 430-Bazar Sita Ram, Hauz Kuazi, Delhi, "Wrapper", March 23, 1964.

Class 5. No. 122041. Vishan Dass Dua (an Indian national), 872, Queen's Road, Delhi-6, "Carton", April 29, 1964.

Class 8. No. 121962. Khwaja Abdul Hafiz Vohra, Abdul Hamid Vohra and Khawaja Abdul Rehman Vohra, Indian Subjects, P.O. Box No. 132, Alleppey, Kerala, India, "Rubber matings", April 18, 1964.

Class 13. Nos. 122103 to 122111 and 122114 to 122116. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", May 7, 1964.

Class 13. Nos. 122155 to 122158. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", May 12, 1964.

Class 13. Nos. 122160 to 122164. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road, (South), Parel, Bombay-13, (Maharashtra) Nationality, Indian Company, "Textile goods", May 13, 1964.

Class 13. Nos. 122204 to 122209. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", May 19, 1964.

Class 13. Nos. 122233 to 122238. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", May 25, 1964.

Class 13. Nos. 122244 to 122246. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", May 26, 1964.

Copyright Extended for a Third Period of Five Years

Design Nos. 79670 and 79671, Class 1.

Name Index for Applicants for Patents for the month of May, 1964 (Nos. 93566—94006)

Name & Application No.

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Abbott Laboratories—93658, 93901, 93902.
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